Environmental Microbiology Laboratory, Inc.

Regarding: Project: OPL
EML ID: 294668

Report for:

Mr. Roger Olsen
CDM (Camp Dresser & McKee, Inc.)
1331 17th Street
Suite 1200
Denver, CO 80202-1562

Date of Analysis: 05-03-2007

Approved by:

Northwest Lab Manager
Dr. Kamashwaran Ramanathan

This coversheet is included with your report in order to comply with AIHA and ISO accreditation requirements.

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

Environmental Microbiology Laboratory, Inc. ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

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Document Number: 200091 - Revision Number: 5

Environmental Microbiology Laboratory, Inc.
1150 Bayhill Drive, Suite 100, San Bruno, CA 94066
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: CDM (Camp Dresser & McKee, Inc.)
C/O: Mr. Roger Olsen
Re: OPL

Date of Sampling: 04-24-2007
Date of Receipt: 04-26-2007
Date of Report: 05-03-2007

MPN REPORT

Location: 1, EOF07-232-042407 Lab ID-Version‡: 1283322-1

Sample size: 500		Unit: 100 ml		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	04/26/07 13:00	12,000	4,200	34,000
Total Coliform	SM 9221 B	04/26/07 13:00	> 12,000	4,200	-
E. coli	SM 9221 F	04/26/07 13:00	12,000	4,200	34,000
Staphylococcus aureus	BAM 12	04/26/07 13:00	< 1.1	-	7.2
Enterococcus group	SM 9230 B	04/26/07 13:00	2,700	1,100	6,400
Salmonella species	BAM 5	04/26/07 13:00	2	0.01	14

Comments:

Location: 2, EOF07-LOR#1-04207 Lab ID-Version‡: 1283321-1

Sample size: 500		Unit: 100 ml		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	04/26/07 13:00	3,300	1,500	7,500
Total Coliform	SM 9221 B	04/26/07 13:00	> 12,000	4,200	-
E. coli	SM 9221 F	04/26/07 13:00	3,300	1,500	7,500
Staphylococcus aureus	BAM 12	04/26/07 13:00	< 1.1	-	7.2
Enterococcus group	SM 9230 B	04/26/07 13:00	> 12,000	4,200	-
Salmonella species	BAM 5	04/26/07 13:00	< 2	-	14

Comments:

*MPN - Most Probable Number.
MPN methods:
SM - Standard Methods for the Examination of Waters and Wastewaters, 20th ed. 1998.
FDA BAM - U.S. Food and Drug Administration Bacteriological Analytical Manual, January 2001.
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Client: CDM (Camp Dresser & McKee, Inc.)
C/O: Mr. Roger Olsen
Re: OPL

Date of Sampling: 04-24-2007
Date of Receipt: 04-26-2007
Date of Report: 05-03-2007

MPN REPORT

Location: 3, EOF07-230-042407 — Lab ID-Version‡: 1283320-1

Sample size: 500		Unit: 100 ml		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	04/26/07 13:00	12,000	4,200	34,000
Total Coliform	SM 9221 B	04/26/07 13:00	> 12,000	4,200	-
E. coli	SM 9221 F	04/26/07 13:00	12,000	4,200	34,000
Staphylococcus aureus	BAM 12	04/26/07 13:00	< 1.1	-	7.2
Enterococcus group	SM 9230 B	04/26/07 13:00	> 12,000	4,200	-
Salmonella species	BAM 5	04/26/07 13:00	< 2	-	14

Comments:

Location: 4, SBC2-042507 — Lab ID-Version‡: 1283319-1

Sample size: 500		Unit: 100 ml		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	04/26/07 13:00	> 12,000	4,200	-
Total Coliform	SM 9221 B	04/26/07 13:00	> 12,000	4,200	-
E. coli	SM 9221 F	04/26/07 13:00	5,400	1,600	18,000
Staphylococcus aureus	BAM 12	04/26/07 13:00	< 1.1	-	7.2
Enterococcus group	SM 9230 B	04/26/07 13:00	4,000	1,200	14,000
Salmonella species	BAM 5	04/26/07 13:00	2	0.01	14

Comments:

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05/25/2005 09:37 3032951827 CDM FED PAGE 02/02

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CHAIN OF CUSTODY

ENVIRONMENTAL MICROBIOLOGY LABORATORY, INC.

866.888.6653 www.EMLab.com

• PLEASE SEE REVERSE SIDE FOR ADDITIONAL MicroLAB™ LOCATIONS •

1150 Bayhill Dr. #100, San Bruno, CA 94066 ~ AIHA EMLAP #102856

5472 Kearny Villa Road, #130, San Diego, CA 92123 ~ AIHA EMLAP #180266

WEATHER	Fog	Rain	Snow	Wind	Clear
LEVEL: None					
Light					
Moderate					
Heavy					

CONTACT INFORMATION

Company/Branch: CDM | Address: On File

Contact: Roger Olsen | Fax results? Y/N | Fax: On File

Phone: 303-298-1311 | Email results? (Y)/N | Email: olsenrl@cdm.com

PROJECT INFORMATION

Project: OPL | Project/Promo ID:

Project Zip Code: | Sampling Date: 4/24/07

PO Number:

Send invoice to: Roger Olsen

TURN AROUND TIME CODES - (TAT)

STD - Standard (DEFAULT 48-72 Hour)

ND - 24 Hour (+50%)

SD - Same Business Day Rush (+75%)

WH - Weekend/Holiday (+100%)

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

REQUESTED ANALYSIS

Non-Culturable — Spore Trap: Fungi - Spore Trap Analysis; Fungi & Biological Particles - Spore Trap Analysis. Tape Swab Bulk: Fungi - Direct Microscopic Exam.

BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plt.: Fungi - Standard Quant. Analysis (incl. Asp. Speciation); Bacteria - Quantitative Analysis; E.coli / Coliform Screen (24hr, 48hr, WH rush avail.); Sewage Assessment / Clearance; Legionella - Quantitative Analysis (water & swabs only). Premium Req. add'l subcultures ~4 wk lead: Fungi w/ Aniline & Asp. Speciation; Fungi w/ Clad. & Asp. Speciation; Fungi - Full Speciation.

Other Requests: MycoPHOTO™; MoldSTAT™ report at no charge w/ spore trap report; MoldRANGE™ report at no charge w/ spore trap report.

SAMPLED ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)	Bacteria - Quantitative Analysis
EOF07-232-042407	Bacteria (water)	W	STD	500 mL Sterile	1900	X
EDF07-LORB1-042407	↓	W	STD	↓	1935	X
EOF07-230-042407	↓	W	STD	↓	2120	X
SBC2-042507	↓	W	STD	↓	1615	X

SAMPLE TYPE CODES

BC - BioCassette™	CP - Contact Plate	T - Tape	D - Dust
A1S - Andersen 1-stage	ST - Spore Traps: Zefon, Allergenco, Burkard...	SW - Swab	W - Water
A2S - Andersen 2-stage		B - Bulk	SO - Soil
SAS - Surface Air Sampler	P - Pure Culture	O - Other	

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
[signature]	4/25/07 2000	A. Morrissey	4-26-07 9:30

Bacteria 6 No Camp

983051G

EMLab P&K

Report for:

Mr. Roger Olsen
CDM (Camp Dresser & McKee, Inc.)
1331 17th Street
Suite 1200
Denver, CO 80202-1562

Regarding: Project: Oklahoma Poultry
EML ID: 364700

Approved by:

Lab Manager
Dr. Kamashwaran Ramanathan

Dates of Analysis:
MPN-Standard Bacteria: 12-17-2007

Project SOPs: MPN-Standard Bacteria (100130)

Document Number: 200091 - Revision Number: 5

EMLab P&K
1150 Bayhill Drive, Suite 100, San Bruno, CA 94066
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: CDM (Camp Dresser & McKee, Inc.)
C/O: Mr. Roger Olsen
Re: Oklahoma Poultry

Date of Submittal: 11-29-2007
Date of Receipt: 11-30-2007
Date of Report: 12-17-2007

MPN REPORT

Location: FAC-13-112907, Litter

Lab ID-Version‡: 1596203-1

Sample size: 35		Unit: 1 gram		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	11/30/07 13:30	4,600	1,100	19,000
Total Coliform	SM 9221 B	11/30/07 13:30	11,000	4,000	30,000
E coli	SM 9221 F	11/30/07 13:30	1,800	680	4,800
Staphylococcus aureus	BAM 12	11/30/07 13:30	< 0.18	-	1.3
Enterococcus group	SM 9230 B	11/30/07 13:30	> 120,000	43,000	-
Salmonella species	BAM 5	11/30/07 13:30	< 0.18	-	1.3

Comments:

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‡ A "Version" greater than 1 indicates amended data.

Environmental Microbiology Laboratory, Inc.

Regarding: Project: 6 Soil Samples
EML ID: 235930

Report for:

Mr. Roger Olsen
CDM (Camp Dresser & McKee, Inc.)
1331 17th Street
Suite 1200
Denver, CO 80202-1562

Date of Analysis: 08-01-2006 and 08-01-2006

Approved by:

Dr. Harriet Burge
Director of Aerobiology

Dr. David A. Bell
Laboratory President

This coversheet is included with your report in order to comply with AIHA and ISO accreditation requirements.

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

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(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: CDM (Camp Dresser & McKee, Inc.)
C/O: Mr. Roger Olsen
Re: 6 Soil Samples

Date of Sampling: 07-18-2006 and 07-19-2006
Date of Receipt: 07-27-2006
Date of Report: 08-02-2006

MPN REPORT

Location: 1, LAL17-C-2 — Lab ID-Version‡: 1027265-1

Sample size: 35		Unit: 1 gram		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/27/06 14:18	0.69	0.22	2.2
Total Coliform	SM 9221 B	07/27/06 14:18	120,000	43,000	340,000
E. coli	SM 9221 F	07/27/06 14:18	0.69	0.22	2.2
Staphylococcus aureus	BAM 12	07/27/06 14:18	< 0.18	-	1.3
Enterococcus group	SM 9230 B	07/27/06 14:18	760	250	2,400
Salmonella species	BAM 5	07/27/06 14:18	< 0.18	-	1.3

Comments:

Location: 2, LAL17-C-2-Q — Lab ID-Version‡: 1027266-1

Sample size: 35		Unit: 1 gram		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/27/06 14:18	< 0.18	-	1.3
Total Coliform	SM 9221 B	07/27/06 14:18	1,200	490	2,900
E. coli	SM 9221 F	07/27/06 14:18	< 0.18	-	1.3
Staphylococcus aureus	BAM 12	07/27/06 14:18	< 0.18	-	1.3
Enterococcus group	SM 9230 B	07/27/06 14:18	2.2	0.89	5.4
Salmonella species	BAM 5	07/27/06 14:18	< 0.18	-	1.3

Comments:

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Client: CDM (Camp Dresser & McKee, Inc.)
C/O: Mr. Roger Olsen
Re: 6 Soil Samples

Date of Sampling: 07-18-2006 and 07-19-2006
Date of Receipt: 07-27-2006
Date of Report: 08-02-2006

MPN REPORT

Location: 3, LAL15-B-2 Lab ID-Version‡: 1027267-1

Sample size: 35		Unit: 1 gram		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/27/06 14:18	2,000	280	14,000
Total Coliform	SM 9221 B	07/27/06 14:18	> 120,000	43,000	-
E. coli	SM 9221 F	07/27/06 14:18	2,000	280	14,000
Staphylococcus aureus	BAM 12	07/27/06 14:18	< 0.18	-	1.3
Enterococcus group	SM 9230 B	07/27/06 14:18	1,800	680	4,800
Salmonella species	BAM 5	07/27/06 14:18	< 0.18	-	1.3

Comments:

Location: 4, LAL15-B-2-Q Lab ID-Version‡: 1027268-1

Sample size: 35		Unit: 1 gram		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/27/06 14:18	2,400	800	7,200
Total Coliform	SM 9221 B	07/27/06 14:18	2,400	800	7,200
E. coli	SM 9221 F	07/27/06 14:18	460	110	1,900
Staphylococcus aureus	BAM 12	07/27/06 14:18	< 0.18	-	1.3
Enterococcus group	SM 9230 B	07/27/06 14:18	2,400	800	7,200
Salmonella species	BAM 5	07/27/06 14:18	< 0.18	-	1.3

Comments:

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Client: CDM (Camp Dresser & McKee, Inc.)
C/O: Mr. Roger Olsen
Re: 6 Soil Samples

Date of Sampling: 07-18-2006 and 07-19-2006
Date of Receipt: 07-27-2006
Date of Report: 08-02-2006

MPN REPORT

Location: 5, LAL15-B-4 — Lab ID-Version‡: 1027269-1

Sample size: 35		Unit: 1 gram		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/27/06 14:18	0.81	0.25	2.6
Total Coliform	SM 9221 B	07/27/06 14:18	240	80	720
E. coli	SM 9221 F	07/27/06 14:18	0.2	0.03	1.4
Staphylococcus aureus	BAM 12	07/27/06 14:18	< 0.18	-	1.3
Enterococcus group	SM 9230 B	07/27/06 14:18	0.46	0.11	1.9
Salmonella species	BAM 5	07/27/06 14:18	< 0.18	-	1.3

Comments:

Location: 6, LAL15-B-6 — Lab ID-Version‡: 1027270-1

Sample size: 35		Unit: 1 gram		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/27/06 14:18	24	8	72
Total Coliform	SM 9221 B	07/27/06 14:18	1,400	480	4,100
E. coli	SM 9221 F	07/27/06 14:18	< 0.18	-	1.3
Staphylococcus aureus	BAM 12	07/27/06 14:18	< 0.18	-	1.3
Enterococcus group	SM 9230 B	07/27/06 14:18	< 0.18	-	1.3
Salmonella species	BAM 5	07/27/06 14:18	< 0.18	-	1.3

Comments:

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CHAIN OF CUSTODY

ENVIRONMENTAL MICROBIOLOGY LABORATORY, INC.

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1150 Bayhill Dr. #100, San Bruno, CA 94066 * AIHA EMLAP #102856

5473 Kearny Villa Road, #130, San Diego, CA 92123 * AIHA EMLAP #160266

000235930

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					

CONTACT INFORMATION

Company/Branch: CDM	Address: 1331 17th St Suite 1200
Contact: Roger Olsen	Fax results? Y/N — Fax:
Phone: 303298 1311	Email results? (Y)/N — Email: OlsenRJ@CDM.com

PROJECT INFORMATION

Project:	Project/Promo ID:
Project Zip Code:	Sampling Date:
PO Number:	
Send Invoice to:	

TURNAROUND TIME CODES (TAT)

- STD - Standard (DEFAULT 48-72 Hour)
- ND - 24 Hour (+50%)
- SD - Same Business Day Rush (+75%)
- WH - Weekend/Holiday (+100%)

If samples received after 2 pm on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (if applicable)	NOTES (Time of day, Temp, RH, etc.)
LAL17-C-2		SO	STD	WG	7/18/06
LAL17-C-2-Q		↓	↓	↓	7/18/06
LAL15-B-2		↓	↓	↓	7/19/06
LAL15-B-2-Q		↓	↓	↓	↓
LAL15-B-4		↓	↓	↓	↓
LAL15-B-6		↓	↓	↓	↓

REQUESTED SERVICES (Non-Culturable: Spore Trap; Tape Swab Bulk — Culture: BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Pl. — Other Requests; Premium Req. add'l subcultures ~4 wk lead)

SAMPLE ID	Fungi - Spore Trap Analysis	Fungi & Biological Particles - Spore Trap Analysis	Fungi - Direct Microscopic Exam	Fungi - Standard Quant. Analysis (Incl. Asp. Speciation)	Bacteria - Quantitative Analysis	E.coli / Coliform Screen (24hr, 48hr, WH rush avail.)	Sewage Assessment / Clearance	Legionella - Quantitative Analysis (water & swabs only)	Fungi w/ Penicillium & Asp. Speciation	Fungi w/ Clad. & Asp. Speciation	Fungi - Full Speciation	MycoPHOTO™	MoldSTAT™ report at no charge w/ spore trap report	MoldRANGE™ report at no charge w/ spore trap report
LAL17-C-2					X									
LAL17-C-2-Q					X									
LAL15-B-2					X									
LAL15-B-2-Q					X									
LAL15-B-4					X									
LAL15-B-6					X									

SAMPLE TYPE CODES

BC - BioCassette™	CP - Contact Plate	T - Tape	D - Dust
A1S - Andersen 1-stage	ST - Spore Trap: Zefon, Allergenco, Burkard...	SW - Swab	W - Water
A2S - Andersen 2-stage		B - Bulk	SO - Soil
SAS - Surface Air Sampler	P - Pure Culture	O - Other	

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
[signature]	7/26/06	Ann Morrissey	7-27-06 9:30

Our Allergen Analysis COC can be downloaded at www.EMLab.com

4551207

STOK0018615

Environmental Microbiology Laboratory, Inc.

Report for:

Mr. Roger Olsen
CDM (Camp Dresser & McKee, Inc.)
1331 17th Street
Suite 1200
Denver, CO 80202-1562

Regarding: Project: OPL
EML ID: 233290

Date of Analysis: 07-28-2006

Approved by:

Dr. Harriet Burge
Director of Aerobiology

Dr. David A. Bell
Laboratory President

Document Number: 200091 - Revision Number: 4

Environmental Microbiology Laboratory, Inc.
1150 Bayhill Drive, Suite 100, San Bruno, CA 94066
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: CDM (Camp Dresser & McKee, Inc.)
C/O: Mr. Roger Olsen
Re: OPL

Date of Sampling: 07-13-2006
Date of Receipt: 07-14-2006
Date of Report: 08-02-2006

MPN REPORT

Location: 1, Glenn well #1 — Lab ID-Version‡: 1015012-1

Sample size: 100		Unit: 100 ml		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/14/06 16:45	< 2	-	14
Total Coliform	SM 9221 B	07/14/06 16:45	< 2	-	14
E. coli	SM 9221 F	07/14/06 16:45	< 2	-	14
Staphylococcus aureus	BAM 12	07/14/06 16:45	< 1.1	-	7.2
Enterococcus group	SM 9230 B	07/14/06 16:45	< 2	-	14
Salmonella species	BAM 5	07/14/06 16:45	< 2	-	14

Comments:

Location: 1, FAC-05 — Lab ID-Version‡: 1015013-1

Sample size: 50		Unit: 1 gram		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/14/06 16:45	> 120,000	43,000	-
Total Coliform	SM 9221 B	07/14/06 16:45	> 120,000	43,000	-
E. coli	SM 9221 F	07/14/06 16:45	> 120,000	43,000	-
Staphylococcus aureus	BAM 12	07/14/06 16:45	< 0.18	-	1.3
Enterococcus group	SM 9230 B	07/14/06 16:45	120,000	43,000	340,000
Salmonella species	BAM 5	07/14/06 16:45	< 0.18	-	1.3

Comments:

*MPN - Most Probable Number.
MPN methods:
SM - Standard Methods for the Examination of Waters and Wastewaters, 20th ed. 1998.
FDA BAM - U.S. Food and Drug Administration Bacteriological Analytical Manual, January 2001.
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The MPN method was developed to handle samples with a high load of particulate matter, such as turbid waters, soils, wastewaters and sludges. MPN values are statistically derived calculations of viable bacterial density based on the assumptions of random distribution of single, non-clustered, bacteria not attached to particulate matter within a sample. Due to the fact that bacteria can cluster and adhere to materials, values determined by the MPN method should be considered estimates in many instances.

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Client: CDM (Camp Dresser & McKee, Inc.)
C/O: Mr. Roger Olsen
Re: OPL

Date of Sampling: 07-13-2006
Date of Receipt: 07-14-2006
Date of Report: 08-02-2006

MPN REPORT

Location: 2, FAC-04 Lab ID-Version‡: 1015014-1

Sample size: 50		Unit: 1 gram		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/14/06 16:45	> 120,000	43,000	-
Total Coliform	SM 9221 B	07/14/06 16:45	> 120,000	43,000	-
E. coli	SM 9221 F	07/14/06 16:45	> 120,000	43,000	-
Staphylococcus aureus	BAM 12	07/14/06 16:45	< 0.18	-	1.3
Enterococcus group	SM 9230 B	07/14/06 16:45	17,000	7,300	40,000
Salmonella species	BAM 5	07/14/06 16:45	< 0.18	-	1.3

Comments:

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Environmental Microbiology Laboratory, Inc.

Regarding: Project: OPL
EML ID: 232776

Report for:

Mr. Roger Olsen
CDM (Camp Dresser & McKee, Inc.)
1331 17th Street
Suite 1200
Denver, CO 80202-1562

Date of Analysis: 07-27-2006

Approved by:

Dr. Harriet Burge
Director of Aerobiology

Dr. David A. Bell
Laboratory President

This coversheet is included with your report in order to comply with AIHA and ISO accreditation requirements.

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

Environmental Microbiology Laboratory, Inc. ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

4930602

Document Number: 200091 - Revision Number: 4

Environmental Microbiology Laboratory, Inc.
1150 Bayhill Drive, Suite 100, San Bruno, CA 94066
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: CDM (Camp Dresser & McKee, Inc.)
C/O: Mr. Roger Olsen
Re: OPL

Date of Sampling: 07-11-2006
Date of Receipt: 07-12-2006
Date of Report: 08-02-2006

MPN REPORT

Location: 1, LAL 155P2 — Lab ID-Version‡: 1013081-1

Sample size: 500		Unit: 100 ml		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/12/06 14:00	1,100	400	3,000
Total Coliform	SM 9221 B	07/12/06 14:00	5,400	1,600	18,000
E. coli	SM 9221 F	07/12/06 14:00	1,100	400	3,000
Staphylococcus aureus	BAM 12	07/12/06 14:00	< 1.1	-	7.2
Enterococcus group	SM 9230 B	07/12/06 14:00	2,400	800	7,200
Salmonella species	BAM 5	07/12/06 14:00	2	0.01	14

Comments:

Location: 2, LAL 156W1 — Lab ID-Version‡: 1013082-1

Sample size: 500		Unit: 100 ml		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/12/06 14:00	< 2	-	14
Total Coliform	SM 9221 B	07/12/06 14:00	< 2	-	14
E. coli	SM 9221 F	07/12/06 14:00	< 2	-	14
Staphylococcus aureus	BAM 12	07/12/06 14:00	< 1.1	-	7.2
Enterococcus group	SM 9230 B	07/12/06 14:00	< 2	-	14
Salmonella species	BAM 5	07/12/06 14:00	< 2	-	14

Comments:

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493703

Environmental Microbiology Laboratory, Inc.
1150 Bayhill Drive, Suite 100, San Bruno, CA 94066
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: CDM (Camp Dresser & McKee, Inc.)
C/O: Mr. Roger Olsen
Re: OPL

Date of Sampling: 07-11-2006
Date of Receipt: 07-12-2006
Date of Report: 08-02-2006

MPN REPORT

Location: 3, LAL 15C-D — Lab ID-Version‡: 1013083-1

Sample size: 500		Unit: 100 ml		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/12/06 14:00	< 2	-	14
Total Coliform	SM 9221 B	07/12/06 14:00	< 2	-	14
E. coli	SM 9221 F	07/12/06 14:00	< 2	-	14
Staphylococcus aureus	BAM 12	07/12/06 14:00	< 1.1	-	7.2
Enterococcus group	SM 9230 B	07/12/06 14:00	< 2	-	14
Salmonella species	BAM 5	07/12/06 14:00	< 2	-	14

Comments:

Location: 4, LAL 14-D-D — Lab ID-Version‡: 1013084-1

Sample size: 500		Unit: 100 ml		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/12/06 14:00	< 2	-	14
Total Coliform	SM 9221 B	07/12/06 14:00	< 2	-	14
E. coli	SM 9221 F	07/12/06 14:00	< 2	-	14
Staphylococcus aureus	BAM 12	07/12/06 14:00	< 1.1	-	7.2
Enterococcus group	SM 9230 B	07/12/06 14:00	< 2	-	14
Salmonella species	BAM 5	07/12/06 14:00	< 2	-	14

Comments:

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000232776

CHAIN OF CUSTODY

ENVIRONMENTAL MICROBIOLOGY LABORATORY, INC.

866.888.6653 www.EMLab.com
* PLEASE SEE REVERSE SIDE FOR ADDITIONAL EMLAB LOCATIONS *
1150 Bayhill Dr. #100, San Bruno, CA 94066 * AIHA EMLAP #102856
5472 Kearny Villa Road, #130, San Diego, CA 92123 * AIHA EMLAP #160166

WEATHER	Fog	Rain	Snow	Wind	Clear
LEVEL: None					
Light					
Moderate					
Heavy					

CONTACT INFORMATION

Company Name: CDM	Address: On File
Contact: Roger Olsen	Fax results? Y N — Fax: On File
Phone: 303-298-1311	Email results? (Y) N — Email: olsenr@cdm.com

PROJECT INFORMATION

Project: OPL	Project/Proposal ID:
Project Zip Code: X	Sampling Date: 7/11/06
PO Number:	
Send invoice to: Roger Olsen	

TURN AROUND TIME CODES - (TAT)

- STD - Standard (DEFAULT 48-72 Hour)
- ND - 24 Hour (+50%)
- SD - Same Business Day Rush (+75%)
- WH - Weekend/Holiday (+100%)

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

REQUESTED SERVICES (✓ Boxes)

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)	Bacteria - Quantitative Analysis	
LAL 15SP2	(1) 500ml Sterile Bottle	W	STD	500ml	1120	X	Bacterial
LAL 15GW1	(1) 500ml Sterile Bottle	W	STD	500ml	1222	X	No Conf
LAL 15C-D	|	|	|	|	1715	X	
LAL14-D-D	|	|	|	|	1715	X	

Requested services columns: Non-Culturable: Spore Trap; Tape Swab Bulk; Culturable: BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Pl.; Other Requests. Fungi - Spore Trap Analysis; Fungi & Biological Particles - Spore Trap Analysis; Fungi - Direct Microscopic Exam; Fungi - Standard Quant. Analysis (incl. Asp. Speciation); Bacteria - Quantitative Analysis; Ecoli / Coliform Screen (24hr, 48hr, WH rush avail.); Sewage Assessment / Channels; Legionella - Quantitative Analysis (water & swabs only); Fungi w/ Penicillium & Asp. Speciation; Fungi w/ Clad. & Asp. Speciation; Fungi - Full Speciation; MycoPHOTO™; MoldSTAT™ report at no charge w/ spore trap report; MoldRANGE™ report at no charge w/ spore trap report; Premium Rep. add'l info-culture.

SAMPLE TYPE CODES			
BC - BioCassette™	CP - Contact Plate	T - Tape	D - Dust
A1S - Andersen 1-stage	ST - Spore Trap: Zefon, Allergenco, Burkard...	SW - Swab	W - Water
A2S - Andersen 2-stage		B - Bulk	SO - Soil
SAS - Surface Air Sampler	P - Pure Culture	O - Other:	

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
[signature]	7/11/06 1600		
		Ann Morrissey	7-12-06 9:30

STOK0018952

Environmental Microbiology Laboratory, Inc.

Regarding: Project: OPL
EML ID: 233290

Report for:

Mr. Roger Olsen
CDM (Camp Dresser & McKee, Inc.)
1331 17th Street
Suite 1200
Denver, CO 80202-1562

Date of Analysis: 07-28-2006

Approved by:

Dr. Harriet Burge
Director of Aerobiology

Dr. David A. Bell
Laboratory President

This coversheet is included with your report in order to comply with AIHA and ISO accreditation requirements.

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Document Number: 200091 - Revision Number: 4

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Client: CDM (Camp Dresser & McKee, Inc.)
C/O: Mr. Roger Olsen
Re: OPL

Date of Sampling: 07-13-2006
Date of Receipt: 07-14-2006
Date of Report: 08-02-2006

MPN REPORT

Location: 1, Glenn well #1 — Lab ID-Version‡: 1015012-1

Sample size: 100		Unit: 100 ml		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/14/06 16:45	< 2	-	14
Total Coliform	SM 9221 B	07/14/06 16:45	< 2	-	14
E. coli	SM 9221 F	07/14/06 16:45	< 2	-	14
Staphylococcus aureus	BAM 12	07/14/06 16:45	< 1.1	-	7.2
Enterococcus group	SM 9230 B	07/14/06 16:45	< 2	-	14
Salmonella species	BAM 5	07/14/06 16:45	< 2	-	14

Comments:

Location: 1, FAC-05 — Lab ID-Version‡: 1015013-1

Sample size: 50		Unit: 1 gram		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/14/06 16:45	> 120,000	43,000	-
Total Coliform	SM 9221 B	07/14/06 16:45	> 120,000	43,000	-
E. coli	SM 9221 F	07/14/06 16:45	> 120,000	43,000	-
Staphylococcus aureus	BAM 12	07/14/06 16:45	< 0.18	-	1.3
Enterococcus group	SM 9230 B	07/14/06 16:45	120,000	43,000	340,000
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Client: CDM (Camp Dresser & McKee, Inc.)
C/O: Mr. Roger Olsen
Re: OPL

Date of Sampling: 07-13-2006
Date of Receipt: 07-14-2006
Date of Report: 08-02-2006

MPN REPORT

Location: 2, FAC-04 Lab ID-Version‡: 1015014-1

Sample size: 50		Unit: 1 gram		Percent solid: N/A	
Bacteria	**Method**	**Setup Time**	**MPN*/Unit**	**LCL****	**UCL****
Fecal Coliform	SM 9221 E	07/14/06 16:45	> 120,000	43,000	-
Total Coliform	SM 9221 B	07/14/06 16:45	> 120,000	43,000	-
E. coli	SM 9221 F	07/14/06 16:45	> 120,000	43,000	-
Staphylococcus aureus	BAM 12	07/14/06 16:45	< 0.18	-	1.3
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Salmonella species	BAM 5	07/14/06 16:45	< 0.18	-	1.3

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000233290

CHAIN OF CUSTODY — ENVIRONMENTAL MICROBIOLOGY LABORATORY, INC.

866.888.6653 www.EMLab.com

* PLEASE SEE REVERSE SIDE FOR ADDITIONAL MicroLAB™ LOCATIONS *

1150 Bayhill Dr. #100, San Bruno, CA 94066 * AIHA EMLAP #102856

5471 Kearny Villa Road, #130, San Diego, CA 92123 * AIHA EMLAP #160266

CONTACT INFORMATION

Company/Branch: CDM

Address: 1331 17th Street, Denver

Contact: Roger Olsen

Fax: On File

Phone: 303-298-1311

Email: olsenrl@cdm.com

PROJECT INFORMATION

Project: OPL

Sampling Date: 7/10/06

PO Number:

Send invoice to:

TURN AROUND TIME CODES (TAT)

STD - Standard (DEFAULT 48-72 Hour)

ND - 24 Hour (+50%)

SD - Same Business Day Rush (+75%)

WK - Weekend/Holiday (+100%)

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

SAMPLE ID	DESCRIPTION	Sample Type	TAT	Total Volume/Area	NOTES (Time of day, Temp, RH, etc.)	Requested
FAC-05	1500 ml whirlpack	L	STD	500ml	7/10/06 @ 08:00	X
Glenn Wright	1500 ml Poly-Stark	L	STD	500ml	7/10/06 @ 08:30	X
FAC-04	1500 ml whirlpack	L	STD	500ml	7/10/06 @ 21:31	

SAMPLE TYPE CODES

BC - BioCassette™	CP - Contact Plate	T - Tape	D - Dust
A15 - Andersen 1-stage	ST - Spore Trap: Zefon, Allergenco, Burkard	SW - Swab	W - Water
A2S - Andersen 2-stage		B - Bulk	SO - Soil
SAS - Surface Air Sampler	P - Pure Culture	O - Other:	

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
[signature]	7/10/06 @ 1153	[signature]	7/14/06 0930

* Bacteria (6) - No comp

STOK0018984

Oklahoma Poultry Project
2006 - 2007 Summary of Litter and Soil Sampling Program

Integrator	Grower	Properties	LAL ID	Subareas	Fields	House	House ID	House Type
Tyson	Butler - Westville Complex 123	1	LAL10 A, B	2	2	1	FAC-06	Broiler
Tyson	McGarrah	1	LAL12 A-D	4	4	1	FAC-07	Broiler
Tyson	Pigeon	1	LAL7 A-D	4	3	1	FAC-01	Broiler
Tyson?	Non-grower - Ren Butler - probable Tyson	1	LAL8 A-D	4	3	0	-	
Tyson	Butler Green Country Complex No. 9	1	-	0	0	1	FAC-15	Broiler
Tyson	Butler Green Country Complex No. 12	1	-	0	0	1	FAC-18	Broiler
Tyson	Barney Nubbie	2	LAL21 A-D	4	4	1	FAC-12	Broiler
Tyson	Research Farm	1	LAL20 A-C	3	3	0	-	Broiler
	TYSON TOTAL	**9**	**6**	**21**	**19**	**6**	**6**	**Broilers**
Cobb	Anderson & Anderson-Chancellor - Section 3	2	LAL5 A-D	4	3	2	FAC-10, 11	Pullets
Cobb	Anderson - Section 9	1	LAL6 A-D	4	1	0		
Cobb	Anderson - Section 33	1	LAL18 A-D	4	2	0		
	COBB TOTAL	**4**	**3**	**12**	**6**	**2**	**2**	**Pullets**
Simmons	Reed	1	LAL9 A-D	4	3	1	FAC-03	Broiler
Simmons	Collins - historical	1	LAL13 A-D	4	4	0		
Simmons	Barnes - historical	1	LAL1 A	1	1	0		
Simmons	Barnes - compost applied	1	LAL2 A	1	1	1	FAC-1A, FAC 1B, FAC-1C	Broiler
Simmons	Non-grower - Lane - current - from Barnes	1	LAL3 A,B	2	1	0		
Simmons	Loftin	1	LAL17 A-D	4	1	1	FAC-02	Broiler
Simmons?	Non-grower - Wofford - from Loftin (Simmons) - Bermuda Question	1	LAL11 A-D	4	2	0		
	SIMMONS TOTAL	**7**	**7**	**20**	**13**	**3**	**3**	**Broilers**
George's	Glenn	2	LAL14 A-D	4	4	1	FAC-05	Broiler
George's	Morrison Broilers	1	LAL19 A-D	4	4	1	FAC-11	Broiler
George's	Ricky Reed	1	LAL23 A-D	4	2	1	FAC-16	Broiler
	GEORGE'S TOTAL	**4**	**3**	**12**	**10**	**3**	**3**	**Broiler**
Petersons	Saunders	1	LAL15 A-D	4	4	1	FAC-04	Broiler
Petersons	O'Leary	1	-	0	0	1	FAC-13	Broiler
Petersons	~~Englemen~~	1	LAL22 A-D	4	4	1	FAC-17	~~Pullets~~
	PETERSON TOTAL	**3**	**2**	**8**	**8**	**3**	**3?2**	**Broiler**
Cargill	Schwabe	1	LAL16 A-D	4	4	1	FAC-08	Turkey
Cargill	Masters	1	-	0	0	1	FAC-14	Turkey
	CARGILL TOTAL	**2**	**1**	**4**	**4**	**2**	**2**	**Turkey**
Control	Nickel Preserve - Old Pasture	1	CL-2 A,B	2	2	0		
Control	Nickel Preserve - Forest	1	CL-1 A,B	2	2	0		
Control	Cusick Property - New Pasture	1	CL-3 A,B	2	2	0		
	CONTROL FIELD TOTALS	**3**	**3**	**6**	**6**	**0**	**0**	
	2006-2007 SAMPLE TOTALS	**32**	**25**	**83**	**66**	**19**	**19**	

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Integrator	Grower	Properties	LAL ID	Subareas	Fields	House	House ID	House Type
Tyson	Butler - Westville Complex 123	1	LAL10 A, B	2	2	1	FAC-06	Broiler
Tyson	McGarrah	1	LAL12 A-D	4	4	1	FAC-07	Broiler
Tyson	Pigeon	1	LAL7 A-D	4	3	1	FAC-01	Broiler
Tyson?	Non-grower - Ren Butler - probable Tyson	1	LAL8 A-D	4	3	0		
	TYSON TOTAL	**4**		**14**	**12**	**3**		**Broilers**
Cobb	Anderson & Anderson-Chancellor - Section 1	2	LAL5 A-D	4	3	2	FAC-10, 11	Pullets
Cobb	Anderson - Section 9	1	LAL6 A-D	4	1	0		
Cobb	Anderson - Section 33	1	LAL18 A-D	4	2	0		
	COBB TOTAL	**4**		**12**	**6**	**2**		**Pullets**
Simmons	Reed	1	LAL9 A-D	4	3	1	FAC-03	Broiler
Simmons	Collins - historical	1	LAL13 A-D	4	4	0		
Simmons	Barnes - historical	1	LAL1 A	1	1	0		
Simmons	Barnes - compost applied	1	LAL2 A	1	1	1	FAC-1A, FAC-1B, FAC-1C	Broiler
Simmons	Non-grower - Lane - current - from Barnes	1	LAL3 A,B	2	1	0		
Simmons	Loftin	1	LAL17 A-D	4	1	1	FAC-02	Broiler
Simmons?	Non-grower - Wofford - from Loftin (Simmons) - Bermuda Question	1	LAL11 A-D	4	2	0		
	SIMMONS TOTAL	**7**		**20**	**13**	**3**		**Broilers**
George's	Glenn	2	LAL14 A-D	4	4	1	FAC-05	Broiler
	GEORGE'S TOTAL	**2**		**4**	**4**	**1**		**Broiler**
Petersons	Saunders	1	LAL15 A-D	4	4	1	FAC-04	Broiler
	PETERSON TOTAL	**1**		**4**	**4**	**1**		**Broiler**
Cargill	Schwabe	1	LAL16 A-D	4	4	1	FAC-08	Turkey
	CARGILL TOTAL	**1**		**4**	**4**	**1**		**Turkey**
Control	Nickel Preserve - Old Pasture	1	CL-2 A,B	2	2	0		
	Nickel Preserve - Forest	1	CL-1 A,B	2	2	0		
	Cusick Property - New Pasture	1	CL-3 A,B	2	2	0		
	CONTROL FIELD TOTALS	**3**		**6**	**6**	**0**		
	2006 SAMPLE TOTALS	**22**		**64**	**49**	**11**		

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